



Attorney Docket No. 0756-2330

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI et al.

Serial No. 09/894,125

Filed: June 29, 2001

For: CRYSTALLINE SEMICONDUCTOR

THIN FILM, METHOD OF

FABRICATING THE SAME,

SEMICONDUCTOR DEVICE, AND

METHOD OF FABRICATING THE

SAME

) Group Art Unit: 2823

) Examiner: B. Kebede

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is being
) deposited with the United States Postal Service
) with sufficient postage as First Class Mail in an
) envelope addressed to: Commissioner for Patents,
) P.O. Box 1450, Alexandria, VA 22313-1450, on

) 2-17-2004

) Adel M Stamp

)

)

)

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

This Information Disclosure Statement is being submitted with an RCE. Therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be

required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.

A duplicate copy of this sheet is attached.

Respectfully submitted,



Eric J. Robinson
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.
PMB 955
21010 Southbank Street
Potomac Falls, Virginia 20165
(571) 434-6789

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A (10-95)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	09/894,125
				Filing Date	June 29, 2001
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2823
				Examiner Name	B. Kebede
				Attorney Docket Number	0756-2330

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
		5,869,387		Sato et al.	02/09/1999	
		5,985,681		Hamajima et al.	11/16/1999	
		6,221,738		Sakaguchi et al.	04/24/2001	
		6,335,541		Ohtani et al.	01/01/2002	
		6,559,036		Ohtani et al.	05/06/2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ³ (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

2

Sheet 1 of 2

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No 56-2330

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Shunpei YAMAZAKI et al.

Filing Date: June 29, 2001

Group Art Unit: 2823

 11017 U.S. PTO
 09/894125
 06/29/01

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BK	5,594,569	01/14/1997	Konuma et al.			
BK	5,643,826	07/01/1997	Ohtani et al.			
BK	5,923,962	07/13/1999	Ohtani et al.			
BK	5,854,096	12/29/1998	Ohtani et al.			
BK	5,616,506	04/01/1997	Takemura			
BK	5,696,386	12/09/1997	Yamazaki			
BK	5,712,191	01/27/1998	Nakajima et al.			
BK	5,888,857	03/30/1999	Zhang et al.			
BK	5,960,323	09/28/1999	Wakita et al.			
BK	6,093,937	07/25/2000	Yamazaki et al.			
BK	6,121,076	09/19/2000	Zhang et al.			
BK	6,077,731	12/20/2000	Yamazaki et al.			
BK	5,846,869	12/08/1998	Hashimoto et al.			
BK	5,365,875	11/22/1994	Asai et al.			
BK	5,529,937	06/25/1996	Zhang			
BK	5,923,966	07/13/1999	Teramoto et al.			
BK	5,569,610	10/29/1996	Zhang et al.			
BK	5,869,363	02/1999	Yamazaki et al.			
BK	5,616,932	04/01/1997	Sano et al.			
BK	5,910,015	06/08/1999	Sameshima et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
07-130652	05/19/1995	Japan			Yes No
08-078329	03-22-1996	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Characterization of High-Efficiency Cast-Si Solar Cell Wafers by MBIC Measurement", Ryuichi Shimokawa et al., Japanese Journal of Applied Physics, Vol. 27, No. 5, pages 751-758, 1988.
	"Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability", H. Furue et al., SID 1998
	"A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time", T. Yoshida et al., SID DIGEST, pages 841-844, 1997.

Examiner Brook Kebede

Date Considered April 20, 2002

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FEB 20 2004

(use as many sheets as necessary)

Complete if Known

Application Number

Filing Date

June 29, 2001

First Named Inventor

Shumpei YAMAZAKI et al.

Group Art Unit

2823

Examiner Name

B. Kebede

Attorney Docket Number

740756-2330

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,147,826		Liu et al.	09/15/1992	
		5,461,250		Burghartz et al.	10/24/1995	
		4,986,213		Yamazaki et al.	01/22/1991	
		6,124,154		Miyasaka	09/26/2000	
		5,403,772		Zhang et al.	04/04/1995	
		5,426,064		Zhang et al.	06/20/1995	
		5,639,698		Yamazaki et al.	06/17/1997	
		5,843,833		Ohtani et al.	12/01/1998	
		5,994,172		Ohtani et al.	11/30/1999	
		5,879,977		Zhang et al.	03/09/1999	
		6,140,165		Zhang et al.	10/31/2000	
		6,096,581		Zhang et al.	08/01/2000	
		6,054,739		Yamazaki et al.	04/25/2000	
		6,027,960		Kusumoto et al.	02/22/2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴ Kind Code ² (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Dorin et al., "Chemistry The Study of Matter", 1992, pp. 532, Prentice Hall	
		Aya et al., "Improvement of SPC poly-Si Film Using the ELA Method", September 11-12, 1997, pp. 167-170, AM-LCD.	
		Abe et al., High-Performance Poly-Crystalline Silicon TFT's Fabricated Using the SPC and ELA Methods", July 9-10, 1998, pp. 85-88, AM-LCD.	
		"Thresholds antiferroelectricity in liquid crystals and its application to displays", S. Inui et al., J. Mater. Chem., 6 (4), pages 671-673, 1996.	
BK		U.S. Patent Application Serial No. 09/369,158 "Semiconductor Device and Method of Manufacturing the Same".	
BK		U.S. Patent Application Serial No. 09/352,194 "Crystalline Semiconductor Thin Film, Method of Fabricating the Same Semiconductor Device, and Method of Fabricating the Same".	

Examiner
Signature

BROOK Kebede

Date
Considered

April 20, 2002